Increase speed and reliability in non-PC applications.

Kingston's SSDNow S50 is ideal for increasing the performance of non-PC applications, from gaming and casinos to tollbooths and digital signage. It uses commercial-grade Flash components and is designed for small-capacity hard drive replacements and upgrades. Perfect for system integrators and white box builders, it's available in a 2.5-inch case or in a half-slim, caseless design.

More reliable and durable than a hard drive, solid-state drives are also faster, quieter and consume less power.

SSDNow S50 is backed by a three-year warranty, 24/7 tech support and legendary Kingston® reliability.

- > Commercial-grade Flash components
- > 2.5" case or half-slim, caseless design
- > Ideal for non-PC applications





Caseless product available as special order only.

Features/specs on reverse >>



SSDNow S50

FEATURES/BENEFITS

- > Multiple capacities available in multiple capacities to suit your design needs
- > Case options available in case or caseless form factor
- > Faster boots system and applications faster than a hard drive
- > **Silent** runs silent and cool
- > **Reliable** with no moving parts, solid-state drives are less likely to fail than standard hard drives

SPECIFICATIONS

- > Form factor 2.5" or half-slim caseless
- > Interface SATA Rev. 2.0 (3Gb/s), SATA Rev. 1.0 (1.5Gb/s)
- > Capacities¹ 16GB & 32GB
- > Sequential Reads² 16GB 90MB/s

32GB - 130MB/s

> Sequential Writes 16GB – 35MB/s

32GB - 60MB/s

> Random 4k Read³ 16GB - 3000 IOPS

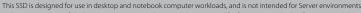
32GB - 3000 IOPS

- > Warranty/support three-year warranty with free 24/7 support
- > Power Consumption 0.491 W (TYP) Idle / 1.87 W (TYP) Write
- > **Dimensions** 2.5" Case: 69.85 x 100 x 9.5mm Half-slim caseless: 54 x 39mm
- > Weight 2.5" Case: 87.48 g

Half-slim caseless: 9.04 g

- > Storage temperatures -40 $\sim 85^{\circ}$ C
- > Operating temperatures $0 \sim 70^{\circ}C$
- > Vibration operating 2.17G
- > Vibration non-operating 20G
- > MTBF 1,000,000 Hrs





1 Please note: Some of the listed capacity on a Flash storage device is used for formatting and other functions and thus is not available for data storage. As such, the actual available capacity for data storage is less than what is listed on the products. For more information, go to Kingston's Flash memory Guide at kingston.com/flash_memory_guide.

2 Based on "out-of-box performance" with ATTO Disk Benchmark 2.41. Speed may vary due to host hardware, software, and usage.

3 Based on "out-of-box performance" with IOMeter.

THIS DOCUMENT SUBJECT TO CHANGE WITHOUT NOTICE.



